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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | | |
|---|----|------------------------|------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application Number | 10/051,497-Conf. #1774 |
| | | Filing Date | January 18, 2002 |
| | | First Named Inventor | Rong-Hwa Lin |
| | | Art Unit | 1644 |
| | | Examiner Name | P. Gambel |
| Total Number of Pages in This Submission | 18 | Attorney Docket Number | A0871.70000US01 |

ENCLOSURES (Check all that apply)

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input checked="" type="checkbox"/> Fee Attached (check for \$180) | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Form PTO 1449 |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | Copy of 1.16.2007 Office Action in Japanese Application No. 2003-518607 |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Landscape Table on CD | 1 copy each of 2 references |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | | Return Receipt Postcard |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|--------------------------------|----------|--------|
| Firm Name | WOLF, GREENFIELD & SACKS, P.C. | | |
| Signature | | | |
| Printed name | Alan W. Steele, M.D., Ph.D. | | |
| Date | March 15, 2007 | Reg. No. | 45,128 |

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 15, 2007

Signature: (Alan W. Steele, M.D., Ph.D.)



PTO/SB/17 (07-06)
Approved for use through 01/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|---------------------|--------------------------|------------------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). | | Complete if Known | |
| FEE TRANSMITTAL For FY 2006 | | Application Number | 10/051,497-Conf. #1774 |
| | | Filing Date | January 18, 2002 |
| | | First Named Inventor | Rong-Hwa Lin |
| | | Examiner Name | P. Gambel |
| | | Art Unit | 1644 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | Attorney Docket No. | A0871.70000US01 | |
| TOTAL AMOUNT OF PAYMENT | | (\$) 180.00 | |

METHOD OF PAYMENT (check all that apply)

| | | | | |
|--|--------------------------------------|--|-------------------------------|---|
| <input checked="" type="checkbox"/> Check | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> None | <input type="checkbox"/> Other (please identify): _____ |
| <input type="checkbox"/> Deposit Account | | Deposit Account Number: <u>23/2825</u> Deposit Account Name: <u>Wolf, Greenfield & Sacks, P.C.</u> | | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | | | | |
| <input type="checkbox"/> Charge fee(s) indicated below | | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee | | |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | | <input checked="" type="checkbox"/> Credit any overpayments | | |

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| | | | |
|---------------------|---------------------|-----------------|----------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 37 | - 37 = | x | = |

HP = highest number of total claims paid for, if greater than 20.

| | | | |
|----------------------|---------------------|-----------------|----------------------|
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 4 | - 4 = | x | = |

HP = highest number of independent claims paid for, if greater than 3.

| | | |
|----------------------------------|-----------------|----------------------|
| <u>Multiple Dependent Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| | | |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|---------------------|---------------------|---|-----------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| - 100 = | /50 | (round up to a whole number) x | = | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

| | | | |
|---------------------|-----------------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 45,128 |
| Name (Print/Type) | Alan W. Steele, M.D., Ph.D. | Telephone | (617) 646-8000 |
| | | Date | March 15, 2007 |

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 15, 2007

Signature: (Alan W. Steele, M.D., Ph.D.)



DOCKET NO.: A0871.70000US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rong-Hwa Lin et al.
Serial No.: 10/051497
Confirmation No.: 1774
Filed: January 18, 2002
For: METHODS OF MODULATING T-CELL OR NATURAL
KILLER CELL ACTIVITY WITH ANTI-P-SELECTIN
GLYCOPROTEIN LIGAND 1 ANTIBODIES

Examiner: Phillip Gambel
Art Unit: 1644

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 15th day of March, 2007.

Alan W. Steele, M.D., Ph.D., Reg. No. 45,128

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office action, but before the mailing date of any final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Compliance with 37 C.F.R. §1.704(d)

Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by the office of the undersigned more than thirty (30) days prior to the filing of this Information Disclosure Statement.

PART III: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the enclosed English translation of an office action from corresponding Japanese Application No. 2003-518607 dated January 16, 2007.

Japanese Application No. 2005-503756 (in Japanese), cited in the office action from corresponding Japanese Application No. 2003-518607 dated January 16, 2007, is the national phase application of WO 02/053700 A2 (in English), the latter of which is submitted herewith.

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

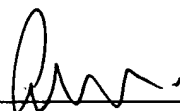
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

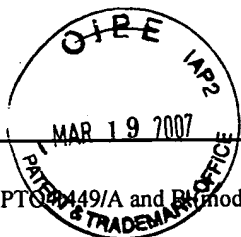
Respectfully submitted,

By:



Alan W. Steele, M.D., Ph.D.
Reg. No. 45,128
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: A0871.70000US01
Date: March 15, 2007
x03/21/07x



FORM PTO/A and modified PTO/SB/08)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

APPLICATION NO.: 10/051497

ATTY. DOCKET NO.: A0871.70000US01

FILING DATE: January 18, 2002

CONFIRMATION NO.: 1774

APPLICANT: Rong-Hwa Lin et al.

GROUP ART UNIT: 1644

EXAMINER: Phillip Gambel

U.S. PATENT DOCUMENTS

| Examiner's Initials # | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication or Issue of Cited Document MM-DD-YYYY |
|--------------------------|-------------|----------------------|--------------|--|---|
| | | Number | Kind Code | | |
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FOREIGN PATENT DOCUMENTS

| Examiner's Initials # | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Translation (Y/N) |
|--------------------------|-------------|-------------------------|-----------|--------------|--|---|----------------------|
| | | Office/ Country | Number | Kind Code | | | |
| | | JP | 09-227410 | A | Sumitomo Pharmaceut Co. Ltd. | 09-02-1997 | in part |
| | | WO | 02/053700 | A2 | Bio-Technology General Corp. | 07-11-2002 | |
| | | | | | | | |
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| | | | | | | | |

OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's Initials # | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation (Y/N) |
|--------------------------|------------|---|----------------------|
| | | | |
| | | | |
| | | | |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]